

SWIFT-HEP

Close out

3 Nov 2021

Royal School of Mines



That's what room looks like (camera points to speaker)



Project timeline

WPs roughly on time

- WP3 started earlier (extra funding)
- WP2 just started
- WP5 yet to start
- WP4 possibly a bit late
- WP1 tracking on time

Oversight committee expected early in 2022

Project management

- Project manager not yet established
- We need to establish TDR contributions (LHCC review this week)
- Phase 2, comment later

WP0: Management

Proj leader
 Dep proj leader
 D0.1: TDR Contributions
 D0.2: Define Phase-2
 Proj Man, Proj leaders

WP1: Data Management

D1.1: Setup UK data lake
 D1.2: Implement QoS info
 D1.3: Rec on data access
 D1.4: Analysis Facility
 D1.5: Pilot log system
 D1.6: Middle size VOs
 D1.7: DIRAC load manag
 D1.7: DIRAC high lvl cmds
 Chadwick
 Chadwick
 Brunel RSE
 Chadwick
 Imperial RSE
 Imperial RSE
 Imperial RSE
 Imperial RSE

WP2: Event Generators

D2.1: Profiling report
 D2.2: Optimise LHAPDF
 D2.3: Gen code optimisation
 D2.4: Pythia8 biased hadr
 D2.5: Pythia8 color recon
 D2.6: EvtGen modernisation
 Gutschow
 Gutschow, UCL RSE
 Gutschow
 Warwick EvGen PDRA
 Warwick EvGen PDRA
 Warwick EvGen RSE

WP3: Simulation

D3.1: EMCuda prototype
 D3.2: EMCuda validation
 D3.3: Geant4 Optiks exmpl
 Morgan
 Morgan
 Davis

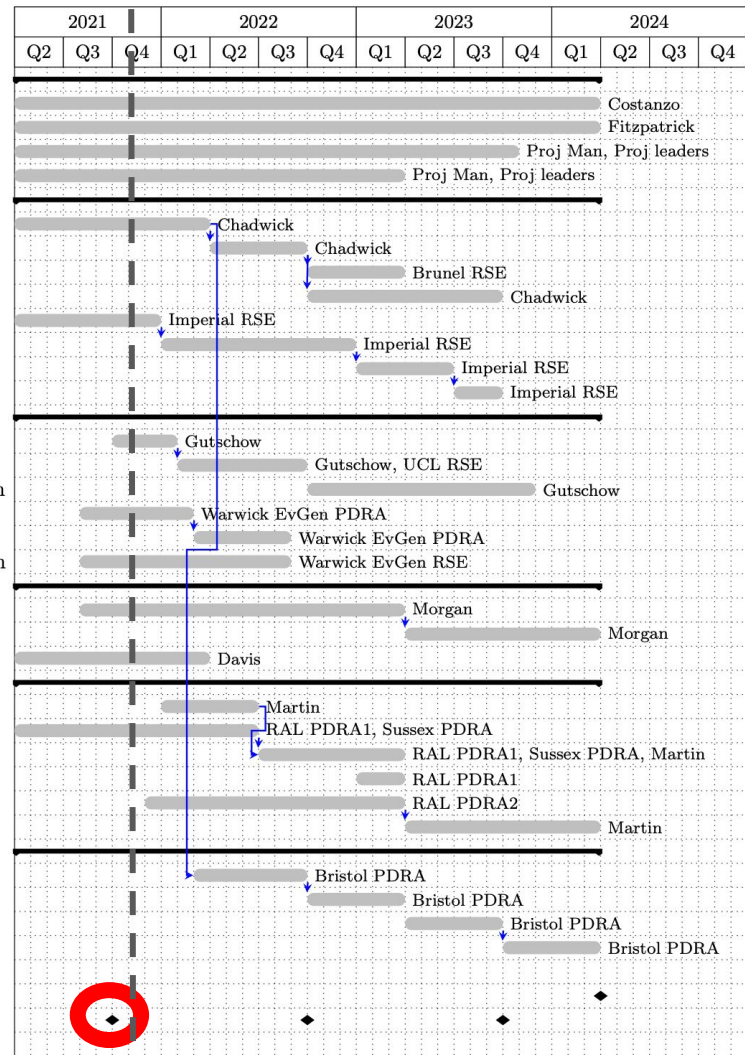
WP4: Reco Trigger

D4.1: Report on benchm
 D4.2: FPGA prot deploy
 D4.3: FPGA prot benchm
 D4.4: OneAPI report
 D4.5: FasTras in OneAPI
 D4.6: FasTras benchm
 Martin
 RAL PDRA1, Sussex PDRA
 RAL PDRA1, Sussex PDRA, Martin
 RAL PDRA1
 RAL PDRA2
 Martin

WP5: Analysis Systems

D5.1: Oper UK data lake
 D5.2: Caching mechanism
 D5.3: Per-site Optim
 D5.4: Workload schedule
 Bristol PDRA
 Bristol PDRA
 Bristol PDRA
 Bristol PDRA

Final report
 Workshops



Everything worked quite well

- It was nice to see people in a room!
- 68+ registrants (also from CERN, US, ...)
- About 20 people in the room (which was rather cold...)
- About the right length for a meeting (attention span)

Lots of good discussion

- Follow ups needed
- And lot of good progress

Have good journey back! We will certainly be in touch